EN User manual

Refrigerator

USER MANUAL

ZRG16600XA

ZANUSSI

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Subject to change without notice.

⚠ Safety instructions

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.
For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

Children and vulnerable people safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
  Children should be supervised to ensure that they do not play with the appliance.
- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

General safety

⚠ Warning!

Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

- The appliance is intended for keeping foodstuff and/or beverages in a normal household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses and by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments;
  - catering and similar non-retail applications.
- Do not use a mechanical device or any artificial means to speed up the thawing process.
- Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.
- Do not damage the refrigerant circuit.
- The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.
  During transportation and installation of the appliance, be certain that none of the com-

ponents of the refrigerant circuit become damaged.
If the refrigerant circuit should become damaged:
  – avoid open flames and sources of ignition
  – thoroughly ventilate the room in which the appliance is situated
- It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short-circuit, fire and/or electric shock.

⚠ **Warning!** Any electrical component (power cord, plug, compressor) must be replaced by a certified service agent or qualified service personnel to avoid hazard.

1. Power cord must not be lengthened.
2. Make sure that the power plug is not squashed or damaged by the back of the appliance. A squashed or damaged power plug may overheat and cause a fire.
3. Make sure that you can come to the mains plug of the appliance.
4. Do not pull the mains cable.
5. If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
6. You must not operate the appliance without the lamp cover (if foreseen) of interior lighting.

- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.
- Bulb lamps (if foreseen) used in this appliance are special purpose lamps selected for household appliances use only. They are not suitable for household room illumination.

Daily use

- Do not put hot pot on the plastic parts in the appliance.
- Do not store flammable gas and liquid in the appliance, because they may explode.
- Appliance's manufacturers storage recommendations should be strictly adhered to. Refer to relevant instructions.

Care and cleaning

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Regularly examine the drain in the refrigerator for defrosted water. If necessary, clean the drain. If the drain is blocked, water will collect in the bottom of the appliance.

Installation

Important! For electrical connection carefully follow the instructions given in specific paragraphs.

- Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing.
- It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.
- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation follow the instructions relevant to installation.
- Wherever possible the back of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.
- The appliance must not be located close to radiators or cookers.
- Make sure that the mains plug is accessible after the installation of the appliance.
- Connect to potable water supply only (If a water connection is foreseen).

Service

- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Centre, and only genuine spare parts must be used.

Environment Protection

This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the applicable regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially at the rear near the heat exchanger. The materials used on this appliance marked by the symbol ♺ are recyclable.

Operation

Switching on

Insert the plug into the wall socket.
Turn the Temperature regulator clockwise to a medium setting.

Switching off

To turn off the appliance, turn the Temperature regulator to the "O" position.

Temperature regulation

The temperature is automatically regulated.
To operate the appliance, proceed as follows:

- turn the Temperature regulator toward lower settings to obtain the minimum coldness.
- turn the Temperature regulator toward higher settings to obtain the maximum coldness.

A medium setting is generally the most suitable.

However, the exact setting should be chosen keeping in mind that the temperature inside the appliance depends on:

- room temperature
- how often the door is opened
- the quantity of food stored
- the location of the appliance.

Important! If the ambient temperature is high or the appliance is fully loaded, and the appliance is set to the lowest temperatures, it may run continuously causing frost to form on the rear wall. In this case the dial must be set to a higher temperature to allow automatic defrosting and therefore reduced energy consumption.

First use

Cleaning the interior

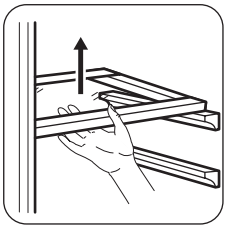
Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand-new product, then dry thoroughly.

Important! Do not use detergents or abrasive powders, as these will damage the finish.

Daily use

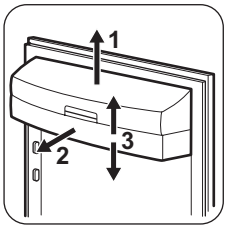
Movable shelves

The walls of the refrigerator are equipped with a series of runners so that the shelves can be positioned as desired.



Positioning the door shelves

To permit storage of food packages of various sizes, the door shelves can be placed at different heights.



Gradually pull the shelf in the direction of the arrows until it comes free, then reposition as required.

Helpful hints and tips

Normal Operating Sounds

- You may hear a faint gurgling and a bubbling sound when the refrigerant is pumped through the coils or tubing. This is correct.
- When the compressor is on, the refrigerant is being pumped around and you will hear a whirring sound and a pulsating noise from the compressor. This is correct.
- The thermic dilatation might cause a sudden cracking noise. It is natural, not dangerous physical phenomenon. This is correct.
- When the compressor switches on or switches off, you will hear a faint "click" of the temperature regulator. This is correct.

Hints for energy saving

- Do not open the door frequently or leave it open longer than absolutely necessary.
- If the ambient temperature is high and the Temperature Regulator is set to low temperature and the appliance is fully loaded, the compressor may run continuously, causing frost or ice on the evaporator. If this happens, set the Temperature Regulator toward warmer settings to allow automatic defrosting and so a saving in electricity consumption.

Hints for fresh food refrigeration

To obtain the best performance:

- do not store warm food or evaporating liquids in the refrigerator
- do cover or wrap the food, particularly if it has a strong flavour
- position food so that air can circulate freely around it

Hints for refrigeration

Useful hints:
Meat (all types) : wrap in polythene bags and place on the glass shelf above the vegetable drawer.
For safety, store in this way only one or two days at the most.
Cooked foods, cold dishes, etc..: these should be covered and may be placed on any shelf.
Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.
Butter and cheese: these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible.
Milk bottles: these should have a cap and should be stored in the bottle rack on the door.

Bananas, potatoes, onions and garlic, if not packed, must not be kept in the refrigerator.

Care and cleaning

⚠ **Caution!** Unplug the appliance before carrying out any maintenance operation.

This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

Periodic cleaning

The equipment has to be cleaned regularly:

- clean the inside and accessories with lukewarm water and some neutral soap.
- regularly check the door seals and wipe clean to ensure they are clean and free from debris.
- rinse and dry thoroughly.

Important! Do not pull, move or damage any pipes and/or cables inside the cabinet.
Never use detergents, abrasive powders, highly perfumed cleaning products or wax polishes to clean the interior as this will damage the surface and leave a strong odour.

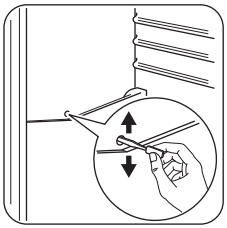
Clean the condenser (black grill) and the compressor at the back of the appliance with a brush. This operation will improve the performance of the appliance and save electricity consumption.

Important! Take care of not to damage the cooling system.

Many proprietary kitchen surface cleaners contain chemicals that can attack/damage the plastics used in this appliance. For this reason it is recommended that the outer casing of this appliance is only cleaned with warm water with a little washing-up liquid added.
After cleaning, reconnect the equipment to the mains supply.

Defrosting of the refrigerator

Frost is automatically eliminated from the evaporator of the refrigerator compartment every time the motor compressor stops, during normal use. The defrost water drains out through a trough into a special container at the back of the appliance, over the motor compressor, where it evaporates.
It is important to periodically clean the defrost water drain hole in the middle of the refrigerator compartment channel to prevent the water overflowing and dripping onto the food inside. Use the special cleaner provided, which you will find already inserted into the drain hole.



Periods of non-operation

When the appliance is not in use for long periods, take the following precautions:

- **disconnect the appliance from electricity supply**
- remove all food
- defrost (if foreseen) and clean the appliance and all accessories
- leave the door/doors ajar to prevent unpleasant smells.

If the cabinet will be kept on, ask somebody to check it once in a while to prevent the food inside from spoiling in case of a power failure.

What to do if…

⚠ **Warning!** Before troubleshooting, disconnect the mains plug from the mains socket.
Only a qualified electrician or competent person must do the troubleshooting that is not in this manual.

Important! There are some sounds during normal use (compressor, refrigerant circulation).

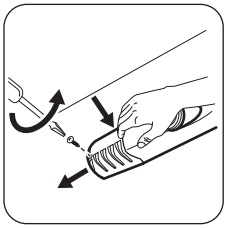
Problem	Possible cause	Solution
The appliance is noisy	The appliance is not supported properly	Check if the appliance stands stable (all the four feet should be on the floor)
The appliance does not operate. The lamp does not operate.	The appliance is switched off.	Switch on the appliance.
	The mains plug is not connected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.
	The appliance has no power. There is no voltage in the mains socket.	Connect a different electrical appliance to the mains socket. Contact a qualified electrician.
The lamp does not work.	The lamp is in stand-by.	Close and open the door.
	The lamp is defective.	Refer to "Replacing the lamp".
The compressor operates continually.	The temperature is not set correctly.	Set a higher temperature.
	The door is not closed correctly.	Refer to "Closing the door".
	The door has been opened too frequently.	Do not keep the door open longer than necessary.
	The product temperature is too high.	Let the product temperature decrease to room temperature before storage.
	The room temperature is too high.	Decrease the room temperature.
Water flows on the rear plate of the refrigerator.	During the automatic defrosting process, frost defrosts on the rear plate.	This is correct.
Water flows into the refrigerator.	The water outlet is clogged.	Clean the water outlet.
	Products prevent that water flows into the water collector.	Make sure that products do not touch the rear plate.
Water flows on the ground.	The melting water outlet does not flow in the evaporative tray above the compressor.	Attach the melting water outlet to the evaporative tray.
The temperature in the appliance is too low.	The temperature regulator is not set correctly.	Set a higher temperature.
The temperature in the appliance is too high.	The temperature regulator is not set correctly.	Set a lower temperature.
	The door is not closed correctly.	Refer to "Closing the door".

Problem	Possible cause	Solution
	The product temperature is too high.	Let the product temperature decrease to room temperature before storage.
	Many products are stored at the same time.	Store less products at the same time.
The temperature in the refrigerator is too high.	There is no cold air circulation in the appliance.	Make sure that there is cold air circulation in the appliance.

Replacing the bulb

If you want to replace the bulb, do these steps:

1. Break the circuit of the appliance.
2. Unscrew the lamp cover securing screw.
3. Unhook the moving part by pressing it as shown in the figure.
4. Replace the bulb with one of the same power and specifically designed for household appliances (the maximum power is shown on the light bulb cover).
5. Fix the lamp cover in place.
6. Screw the lamp cover securing screw.
7. Reconnect the appliance.
8. Open the door and check if the light comes on.



Closing the door

1. Clean the door gaskets.
2. If necessary, adjust the door. Refer to "Installation".
3. If necessary, replace the defective door gaskets. Contact the Service Center.

Technical data

Dimension		
	Height	850 mm
	Width	550 mm
	Depth	612 mm
Voltage		230 V
Frequency		50 Hz

The technical information are situated in the rating plate on the internal left side of the appliance and in the energy label.

Installation

⚠ **Caution!** Read the "Safety Information" carefully for your safety and correct operation of the appliance before installing the appliance.

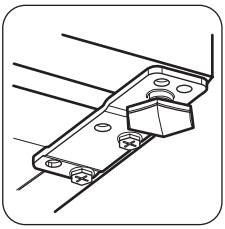
Positioning

This appliance can be installed in a dry, well ventilated indoor, also in a garage or cellar, but for optimum performance install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
SN	+10°C to + 32°C
N	+16°C to + 32°C
ST	+16°C to + 38°C
T	+16°C to + 43°C

Levelling

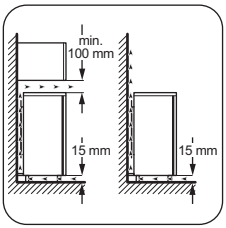
When placing the appliance ensure that it stands level. This can be achieved by two adjustable feet at the bottom in front .



Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 100 mm . Ideally, however, the appliance should not be positioned below overhanging wall units. Accurate levelling is ensured by one or more adjustable feet at the base of the cabinet.
If the cabinet is placed in a corner and the side with the hinges facing the wall, the distance between the wall and the cabinet must be at least 10 mm to allow the door to open enough so that the shelves can be removed.

Warning!

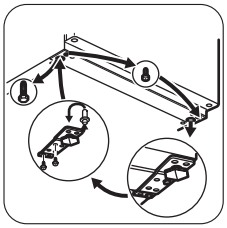


It must be possible to disconnect the appliance from the mains power supply; the plug must therefore be easily accessible after installation.

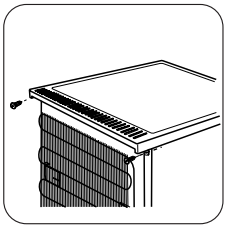
Door reversibility

Important! To carry out the following operations, we suggest that this be made with another person that will keep a firm hold on the doors of the appliance during the operations.

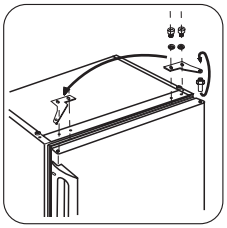
To change the opening direction of the door, do these steps:



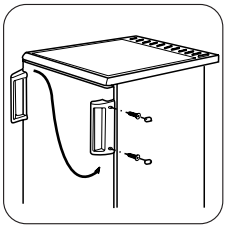
1. Remove the plug from the power socket.
2. Tilt back the appliance carefully so that the compressor cannot touch the floor.
3. Unscrew the left foot.
4. Unscrew the screws of the door bottom hinge. Remove the hinge. Put over the pin in the direction of the arrow.
5. Unscrew and install the screw on the opposite side.
6. Install the hinge on the opposite side.
7. Screw the right foot.



8. Unscrew both screws on the rear side.
9. Push back the top and lift it from the fixing elements.



10. Unscrew the screws of the door top hinge.
11. Remove the hinge. Put over the pin in the direction of the arrow. Install the hinge on the opposite side.
12. Tighten the hinge.
13. Put the top in position.
14. Pull it forward.
15. Screw both screws on the rear side.



16. Remove and install the handle[1)] on the opposite side.
17. Reposition, level the appliance, wait for at least four hours and then connect it to the power socket.

1) If foreseen

Do a final check to make sure that:

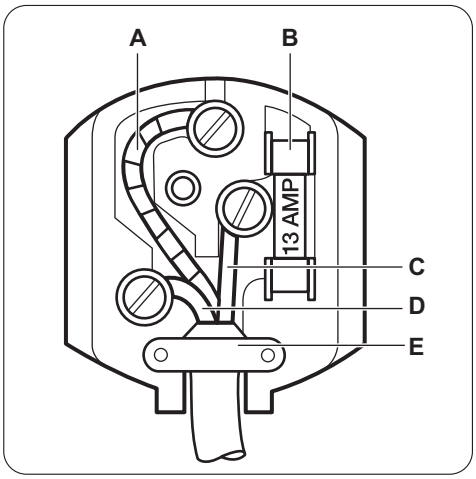
- All screws are tightened.
- The door opens and closes correctly.

If the ambient temperature is cold (i.e. in Winter), the gasket may not fit perfectly to the cabinet. In that case, wait for the natural fitting of the gasket.
In case you do not want to carry out the above mentioned operations, contact the nearest After Sales Service Force. The After Sales Service specialist will carry out the reversibility of the doors at your cost.

Electrical Connection

⚠ **Caution!** Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

⚠ **Warning!** This appliance must be earthed. The manufacturer declines any liability should these safety measures not be observed.



Important! The wires in the mains lead are coloured in accordance with the following code:

A	Green and Yellow:	Earth
C	Brown:	Live
D	Blue:	Neutral

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. Connect the wire coloured green and yellow to the terminal marked either with the letter “E“ or by the earth symbol ⏚ or coloured green and yellow.
2. Connect the wire coloured blue to the terminal either marked with the letter “N“ or coloured black.
3. Connect the wire coloured brown to the terminal either marked with the “L“ or coloured red.
4. Check that no cut, or stray strands of wire is present and the cord clamp **E** is secure over the outer sheath.
5. Make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.
6. Switch on the appliance.

The appliance is supplied with a 13 amp plug fitted **B**. In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

⚠ **Warning!** A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that it is disposed of safely.

Environmental concerns

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

www.zanussi.com/shop

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